Vidya Jyothi Institute of Technology
Department of CSE
AY: 2019-20

Innovative Technique implemented: Role Play

Subject: Data Base Management Systems

Name of the Faculty: S.Divya

Topic: Sailor and Boat Reservation scenario

Students: II B.Tech I-Sem CSE-B

Implementation:

- Divided the scenario into 3 categories – Sailors, Boats and Reserves
  - Students played role of Sailors holding {sid,age,rating and name}
  - Boats holding {bid,bname,date}
  - Reserves holding{sid,bid,date}
  - Student as an end user
- Query- "Find the names of the sailors who have reserved red boat"
- The above query forms nested query i.e., a query within in a query
- In the user perspective based on query data can be accessed from the respective tables by identifying referential integrity constraints.

Outcome:

Students are able to deal with real-world scenarios. They are encouraged to think more critically about controversial subjects.

Course Instructor   **CSE-HOD**

(S.Divya)